

Travis Gray

Software Architect

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Professional summary

Software Architect:

As a seasoned Software Architect with 7 years under my belt, I specialize in crafting innovative software solutions. My strength lies in adopting unconventional approaches to distill complex problems into simple, yet effective, solutions.

My communication skills and problem-solving acumen allow me to collaborate effectively with diverse teams and clients, resulting in high-quality software products. A key accomplishment in my career includes successfully overhauling the computer infrastructure of Lumber Mills, which led to significant improvements in efficiency and productivity.

I am currently seeking a position within a dynamic team that thrives on creativity and tackling challenging tasks. I am open to opportunities in a remote work environment.

Ice Cubed LLC: My Entrepreneurial Journey

Launching Ice Cubed LLC marked the beginning of my venture into entrepreneurship. Upon streamlining my responsibilities at the Swanson Group, I found myself with additional time to explore potential opportunities for passive income. This pursuit led me to the ice industry, an untapped market ripe for innovation.

In our inaugural year, we not only acquired a state-of-the-art ice production machine but also achieved operational efficiency, leading to consistent revenue generation. As of the present moment, we're actively selling ice and driving business growth.

My recent focus has been on optimizing our business processes and ensuring smooth operations. I've attended to every detail - from routine maintenance and cash management to meticulous record-keeping. Each step I've taken has been a stride towards cementing Ice Cubed LLC's position in the ice industry.

Employment history

AUG, 2022 – PRESENT

MERLIN

President, Ice Cubed LLC

- Managed all aspects of Ice Cubed LLC, a startup in the Marketing/Advertising/Sales industry
- Successfully purchased, managed, and moved a 1600 lb machine into place
- Implemented effective business strategies and adapted to unforeseen issues
- Responsible for all business operations, including freight shipping, market research, simulations and projections, machine interfacing, self-funding, LLC design, business taxes, and securing capital
- Utilized new age marketing strategies to generate revenue
- Ensured smooth business operations through tasks such as cleanings, cash grabs, and tracking
- Collaborate with industry experts to stay updated on the latest trends and technologies in the ice industry, and implement innovative solutions to drive business growth and maintain a competitive edge in the market.
- Identify and pursue new marketing channels to reach untapped customer segments
- Develop and maintain strong relationships with key clients and strategic partners in order to drive business growth and establish Ice Cubed LLC as a leader in the ice industry market

AUG, 2021 – MAY, 2023

ROSEBURG

Network Admin / Solutions Architect, Swanson Group LLC

- Oversaw large projects such as PC upgrades, active directory profile migration, and domain migration
- Developed key software for the lumber mill that streamlined monthly expense reports for shareholders
- Worked closely with users to resolve everyday computing issues
- Designed shareholder reporting tools that track machines across all three locations
- Implemented a helpdesk web portal with an integrated ticketing system
- Assisted hundreds of users in immediate technical issues
- Upgraded infrastructure from outdated equipment and protocols
- Designed other software solutions that saved money and time
- Design and implement secure network solutions to protect company's data and infrastructure

Cyber Attack:

- Played a key role in the aftermath of a cyber attack, providing crucial insights and advising on essential steps that mitigated potential damages and post-attack headaches.
- Maintained documentation and incident reports, providing valuable post-mortem analysis and recommendations for further security improvements.
- Demonstrated adaptability and a strong work ethic by stepping up to take on additional responsibilities during the crisis, ensuring timely incident resolution.
- Assisted in the restoration of systems and data integrity, ensuring minimal disruption to daily operations and business continuity.
- Collaborated with the incident response team, contributing valuable support and coordination to expedite the recovery process.
- Effectively communicated technical information to non-technical staff, facilitating a smooth understanding of security measures and precautions.

Employment history

MAR, 2021 – JUN, 2021

HILLSBORO

IT Specialist and Remediation Coordinator, LAM Research

- Managed selection and placement of machines for newly hired employees, interns, and roll changes
- Identified more efficient methods to improve LAM workflow
- Helped Sr. Directors and even a VP with a few tasks in my time with LAM
- Presented to the North American team on updating workflow
- Helped develop barcode software to check for missing data

APR, 2020 – JUN, 2020

BEND

Web Infrastructures, Sunlight Solar

- Collaborate with web developers and designers to create and maintain the web infrastructure for the Solar RV site and online store, ensuring a seamless user experience and effective customer engagement.
- Worked with a team, opened a new market for Sunlight Solar
- Designed Solar installation education course
- Solar RV Site homepage
<https://sunlightsolar.com/rv-solar-panel-installation/>
- Education course
<https://sunlightsolar.com/solar-energy-learning-center/>

JAN, 2020 – MAR, 2021

BEND

Web Application Developer, KIBS INC

- Developed a full stack web application to create quotes for KIBS based on customer sales requests, serving as the backbone of the company for years to come.
- Implemented a quote generation tool to optimize profit margins.
- Utilized Python, Flask, API endpoints, networking, IP protocol, file IO, HTML, JavaScript, SMTP, and more.
- Collaborated closely with the owner to successfully complete the project.
- Assisted CEO in designing and creating new software for the company.
- Designed and developed the company's website and e-commerce store.
- Created a Grocery Arbitrage Tool for the CEO.
- Market: Package/Freight Delivery
- Develop and maintain web applications for KIBS Quote tool

JAN, 2020 – MAR, 2021

BEND

Marketplace Scraping, G02 INC

- Scraped data from the Facebook marketplace to find the best deals for my client using scraping tools such as BeautifulSoup, URLLib, HTML, and JavaScript.
- Developed a marketplace scraping tool that allowed my client to word search in more than 100 locations at a time and presented the best deals based on the search results.
- Achieved the best search results possible through efficient data scraping techniques.
- Utilized simulated mouse clicks to navigate through the marketplace and gather relevant data.
- Worked at G02 INC as a Marketplace Scraping Tool developer.

Employment history

SEP, 2015 – AUG, 2019
CORVALLIS

Technical Consultant, Oregon State University College of Forestry

- Collaborate to develop and execute technical solutions that meet the needs of the College of Forestry
- Provided technical support to faculty and graduate students
- Used Python to create web interfaces for serving new reservations system
- Provided ad hoc fixes to university workstations and classrooms
- Used Python to develop a string parser to decide which accounts to charge
- Extended existing 'Lab Shutdown' software to enable user to select rooms specific to building
- Email, Phone, and in-person scheduling for services
- Assisting users with complex tech issues

Education

DEC, 2013 – DEC, 2018
CORVALLIS

Computer Science B.S. , Oregon State University

- Excelled in extensive computer science coursework, mastering complex subjects like data structures, software engineering, and system design, with a strong emphasis on computer ethics.
- Developed a STEM-oriented educational course for teens (9 – 15 years) at the Oregon Museum of Science and Industry (OMSI).
- Demonstrated exceptional programming skills and perseverance by being the sole student in a 200-strong Assembly language class to complete an optional challenging task: creating a Morse code to English converter in MASM.

DEC, 2013 – DEC, 2018
CORVALLIS

Business and Entrepreneurship A.A.B., Oregon State University

- Secured 3rd place among 60 teams in a competitive marketing challenge, distinguishing myself amongst 300 peers with a unique marketing plan.
- Proven track record of innovative thinking and application of learned concepts, exemplified by my development of a unique marketing strategy adopted by several high-profile companies.
- Conceptualized 'PVC Marketing' in 2016, a modern advertising strategy employing podcasts, viral campaigns, and community development. This innovative model has been adopted by notable companies like Squarespace, CBD MD, and MeUndies in recent years

Skills

Python (Experienced)



Javascript (Experienced)



C (Skillful)



HTML (Experienced)



Node.js (Skillful)



Flask (Experienced)



C++ (Skillful)



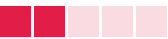
JQuery (Experienced)



CSS (Experienced)



Java (Beginner)



Skills

.NET (Skillful)



Windows (Expert)



IOS (Skillful)



GIT (Experienced)



VPN (Skillful)



TCP (Skillful)



IP (Experienced)



LAN (Experienced)



Communication (Experienced)



Haskell (Skillful)



Linux (Experienced)



GitHub (Experienced)



Google Cloud API's (Skillful)



Databases (Skillful)



UDP (Skillful)



DNS (Skillful)



Networking (Skillful)



Links

[About me site](#)

References

BRAD.DEPRIEST@SWANSONGROUP.
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Brad Depriest
Swanson Group LLC

Projects

Bookkeeper 2.0

SHAREHOLDER REPORTS

Bookkeeper 2.0 is a shareholder reporting tool that quickly combines monthly reports from lumber mills, reducing the process from 8 hours to about 1 minute. It has user-friendly templates, authentication for sensitive documents, and a browsable table of contents. Adopted by the company and still in use.

Podcast Transcript Generator

SEARCHABLE TRANSCRIPT TOOL

Developed an innovative, user-focused system generating searchable transcripts and timestamps for podcasts and other media. This enhancement improved user engagement, accessibility, and content discoverability, catering to a more diverse audience base.

Projects

PikaPidia Pokemon Database

ADOPTED AS CLASS DEMO

In a team of three, we leveraged emerging technologies to create a dynamic Pokémon Database application. This engaging project, highlighting our ability to utilize cutting-edge tech in fun, unique ways, provided users with detailed information on a multitude of Pokémon characters. Our application's success was underscored when it was selected as a class demonstration, exemplifying the creative and technical potential of our coursework to future students.